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Medical image data forwarding system for hospitals, diagnostic labs, infirmary - has protocol conversion servers installed, to convert DICOM specification of image to general purpose protocols, so that image is transmitted received and displayed

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 11284682	A	19991015	JP 9887140	A	19980331	H04L-029/06	200001 B

Priority Applications (No Type Date): JP 9887140 A 19980331

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 11284682	A		5			

Abstract (Basic): JP 11284682 A

NOVELTY - Image processing terminals (T1-Tn) are connected via communication network, which transfers images based on DICOM specifications. Protocol conversion servers (P1- P2) are connected between the terminals, which converts the protocol of DICOM specification to network protocols, and transmits the image in the network, so that the images are received and displayed.

USE - For forwarding CT image, MRI image to hospitals, diagnostic labs, infirmaries connected via internet.

ADVANTAGE - Avoids need of construction of exclusive network, as internet can be utilized for communication and thereby offers inexpensive network system. Improves transmission efficiency and offers conversion to desired format. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of medical image data forwarding system. (P1,P2) Protocol conversion servers; (T1-Tn) Terminals.

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Title Terms: MEDICAL; IMAGE; DATA; FORWARDING; SYSTEM; HOSPITAL; DIAGNOSE; PROTOCOL; CONVERT; SERVE; INSTALLATION; CONVERT; SPECIFICATION; IMAGE; GENERAL; PURPOSE; SO; IMAGE; TRANSMIT; RECEIVE; DISPLAY

Derwent Class: T01; W01

International Patent Class (Main): H04L-029/06

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